FIG. 1

FIG. 2

GENERAL PURPOSE
QUICK LOOKUP CODES
SYSTEM SESSION STATE VARIABLES
TEXTUAL INFORMATION TO DISPLAY FOR CURRENTLY PLAYING RECORDING

FIG. 4

SYSTEM CONFIGURATION
DIRECTORY INFORMATION
DISC INFO. STRUCTURE #1
DISC INFO. STRUCTURE #2
DISC INFO. STRUCTURE #3
• • •
DISC INFO. STRUCTURE #N

MOVEMENT NO.	POINT	MOVEMENT ELAPSED TIME				ABSOLUTE TIME FOR POINT CONTENT		
		MIN.	SEC.	FRAME	0	P MIN.	P SEC.	P FRAME

FIG. 3

PRIOR ART

FIG. 5

DISC ARTIST
DISC TITLE
DISC TRACK TITLE #1
DISC TRACK TITLE #2
. . .
DISC TRACK TITLE #N
DISC RELATED URL
SYSTEM LOCATION

FIG. 6

RECORDING TRANSPORT — 12'

- CD/DVD ROM MINIDISC — 12a
- NON-VOLATILE MEMORY — 12b
- HARD DRIVE — 12c
- SATELLITE/ WIRELESS — 12d
- INTERNET TCP/IP — 12e
- LAN — 12f
- DIGITAL INPUTS — 12g
- ANALOG INPUTS — 12h
- TERRESTRIAL RADIO BROADCASTS — 12i
- BROADBAND — 12j

DEVICE TRANSLATOR — 30'

AUDIO
- RADIO STATION FREQUENCY
- CONTENT DESCRIPTION
- WAVE FORM ANALYSIS
- TOC
- ID3 TAG
- LYRICS/VOICE RECOGNITION

VIDEO
- PICTURE FRAME ANALYSIS
- CONTENT DESCRIPTION
- PROGRAM GUIDES

GPS

CONTROLLER — 14 / 18'

EMBEDDED CONTENT META-DATA DATABASE

COMMUNICATION NETWORK — 28'
- PSTN
- LAN
- WAN

REMOTE DATABASE — 13'

DATA COMMUNICATION PROTOCOLS AND INTERFACES — 22'

- 802.11 A/B
- BLUETOOTH
- CELLULAR
- ETHERNET
- HPNA
- POWERLINE
- DTMF
- SATELLITE
- BROADBAND CABLE/DSL